ENGLISH

SATELLITE TV RECEIVER (PVR Recorder)

user manual

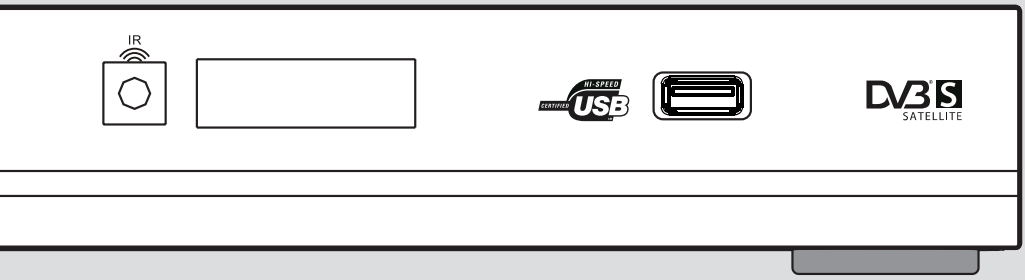


TABLE OF CONTENTS

1- INTRODUCTION 01

1.1 Safety Instructions 01

1.2 Features & Accessories 02

2- YOUR RECEIVER 03

2.1 Front Panel 03

2.2 Remote Control Unit 04

2.3 Rear Panel 05

3- CONNECTIONS 06

3.1 Connecting 06

3.2 Connecting to Satellite Dish 06

4- MAIN MENU 08

4.1 Set up 08

4.1.1 Installation 08

4.1.2 TV Set up 10

4.1.3 Password 10

4.1.4 Advance Timer 11

4.1.5 SW Update 11

4.1.6 Set Default 11

4.2 TV/Radio 12

4.2.1 TV List 12

4.2.2 TV Guide 15

4.3 Multimedia 15

4.3.1 My Album 15

4.3.2 My Music 16

4.3.3 My Movie 16

4.3.4 My Record 16

4.4 Game 17

5- OTHER OPERATIONS 17

5.1 Program guide (EPG) 17

5.2 Zapping and Information banners 18

5.3 Channel List 19

5.4 Selection of Audio Language 19

5.5 Teletext 19

A1- TROUBLESHOOTING 20

A2- SPECIFICATIONS 21

1.0 INTRODUCTION

1.1 Safety Instructions

DO NOT INSTALL YOUR RECEIVER:

- In a closed or poorly ventilated cabinet;
- Directly on top of or under any another equipment;
- On a surface which might obstruct the ventilation slots.

DO NOT EXPOSE THE RECEIVER OR ITS ACCESSORIES:

- To direct sunlight or near any other equipment that generates heat;
- To rain or intense moisture;
- To any shock which may cause permanent damage to your receiver;
- To any magnetic objects, such as loudspeakers, transformers, etc.;
- To intense vibration;
- Never open the cover. It is dangerous to touch the inside of the receiver due to high voltage currents and possible electrical hazards. Your warranty will be void if the receiver has been opened.
- When the receiver is not used for a long period of time, you should unplug the power cord from the wall socket.
- Do not use a damaged power cord. It may cause a fire or an electrical shock.
- Do not touch a power cord with wet hands. It may cause an electric shock.
- Place the receiver in a well-ventilated environment.
- When you are connecting the cables, be sure that the receiver is disconnected from the mains supply voltage.
- Do not use your receiver in a humid environment.

Make sure you read this user manual before installing your receiver.

How to Use This Manual

This manual provides complete instructions for installing and using this receiver.
The following symbols will serve as follow.

Warning Indicates warning information.

Tips Indicates any other additional important or helpful information.

MENU Represents a button on the remote control or the receiver *(Bold Character)*

Move to Represents a menu item within a window. *(Italic Character)*

1.2 Features & Accessories

- For all digital Free-To-Air TV and Radio programmes via satellite
- Display showing channel number or time
- Separate power switch
- Max. 4000 channel memory capacity for 64 satellites
- 4 Favourite lists for TV-and Radio programme
- Quick and easy installation & user-friendly menu
- Excellent Audio & Video quality
- Parental lock function for menu and selectable per channel
- Teletext via OSD & VBI. Supports DiSEqC 1.0 and DiSEqC 1.2
- Electronic Programme Guide (EPG) for present/following event information and up to 7 days for on screen programme information
- Full multi-lingual DVB subtitling and audio track support
- Multi-lingual support on screen menu (OSD)
- Edit functions for TV or Radio programme name and satellite name
- Signal strength bar for digital transponders
- Automatic, Network and manual channel scan options
- Power on with last viewed channel
- 9 TimS0620er for recording and/ or sleep-timer with 3 modes (daily, weekly, once)
- Game (Gomoku) and Calendar
- User-friendly remote control with coloured function buttons
- Low power consumption
- Advanced timer function
- Mosaic function: 9 TV Channel in overview
- Automatic clock change: summer/ winter time

Accessories:

- User's Manual
- 1 Remote control unit

2 Your Receiver
2.1 Front Panel

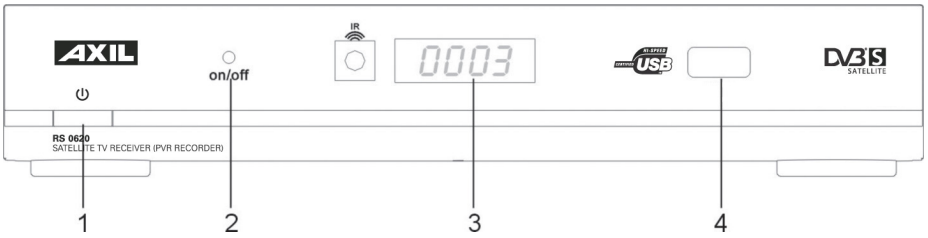


Figure 1. Front Panel

1. **POWER** Button

Switch the receiver to standby mode.

2. **on/off Led**

3. **4-digits Display**

Displays Local Time in STAND BY mode.

Displays Channel Number in AWAKE mode.

4. **USB 2.0** for album, music, movie and recording.

2.2 Remote Control Unit

All features of the set-top box can be controlled with the remote control unit.

: Switch between operation and standby modes

: Press to temporarily cut off the sound

0-9: Enter number or select a channel number to watch

TV/R: Switch between TV and Radio mode

MENU: Displays the main menu

EXIT: Return to the previous menu or escape from the item

OK: Confirm

▲◀▶▼: Move cursor up/down/left/right, page up/down, Volume +/-

FAV: Press to display the TV favorite list.

EPG: Shows the EPG (Electronic Program Guide) only when menu is off.

V+/V-: Volume+/-

AUDIO: Display the Audio Select window.

INFO: Shows information of the current channel

ZOOM: Magnify the picture.

P+/P-: Page up or down in menu list

RCL: Switches to Last channel viewed.

PAUSE: Freeze/Resume picture.

SUB: Show the list of subtitled languages the current channel supports.

TEXT: Shows current service's Teletext on OSD.

◀◀: Slow playing.

▶▶: Fast playing.

◀I: Play previous item.

I▶: Play next item.

■: Stop.

▶II: Play / Pause.

●: Records a live program.

2.3 Rear Panel

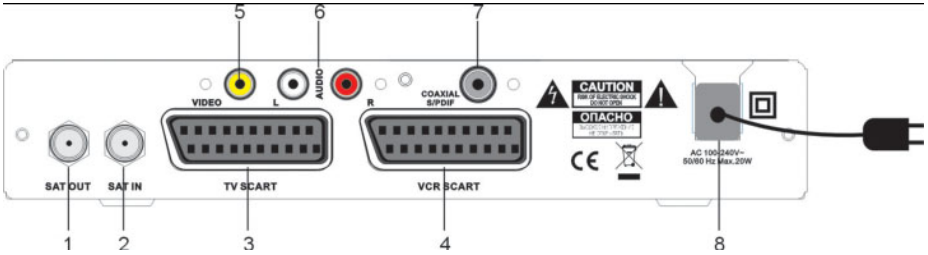


Figure 3.Rear Panel

1. SAT IN

Connect the digital signal from your LNB on the satellite dish to this connector.

2. SAT OUT

Gives you the possibility to connect an extra receiver (analogue or digital).

3. TV SCART

Use this connector to connect your receiver to your video recorder using a SCART cable. Your video signal will now be looped through your receiver to your TV set.

4.VCR SCART Connector

Use this connector to connect your receiver to your video recorder using a SCART cable.

5.CVBS

Video Output.

6. AUDIO Right and Left

These connectors give you the possibility to connect the audio signal to an external amplifier, or the audio input of your TV.

7.S/PDIF

Use this output to connect your receiver to the input of your digital audio amplifier.

8. Power Cord

Your receiver requires a current of 100~240V AC (Auto-selectable), 50~60Hz +/-5%. Check the power specification before connecting your receiver to the wall outlet.

3 Connections

3.1 Connecting

1. Connect the satellite signal from the LNB to the SAT IN connector.
2. Connect the SCART lead between the main SCART socket on the TV and the TV SCART socket on the receiver
3. Connect the Audio Left, Right RCA and VIDEO connectors at the back of the receiver to the Audio Left, Right and VIDEO IN connectors on your TV set or audio amplifier.
4. Connect the VCR SCART socket to VCR.
5. Connect the COAXIAL S/PDIF connector at the back of the receiver to the S/PDIF connector on audio amplifier.

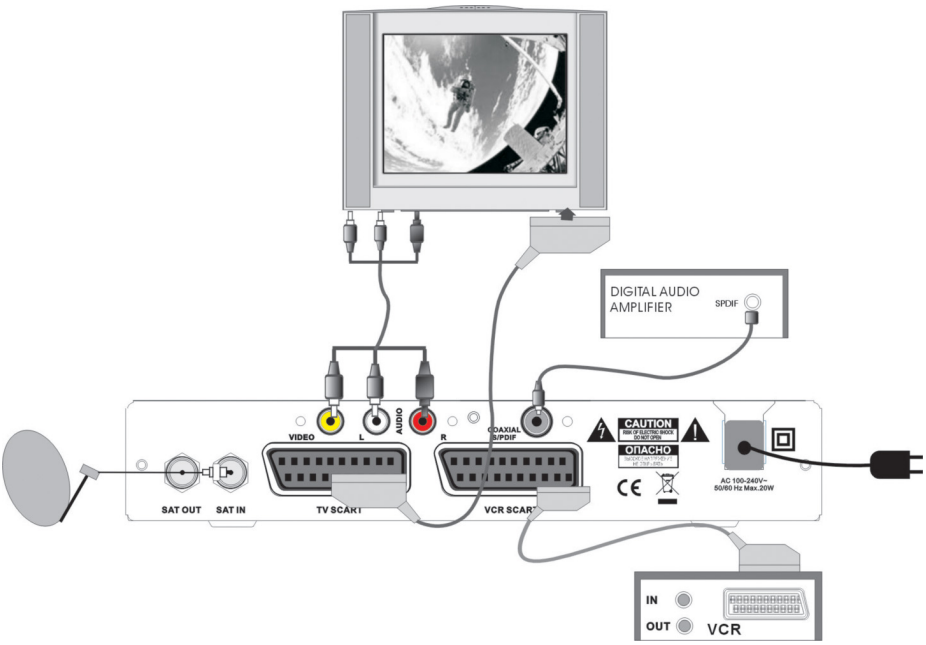


Figure 4 Basic connection

3.2 Connecting to Satellite Dish

<Connecting a fixed satellite dish to your receiver>

First, choose which satellite you want to receive your signals from, and have your dealer aim your dish at the requested satellite.

Connect a coax cable to your LNB and the other end directly to the SAT IN connector of your receiver.

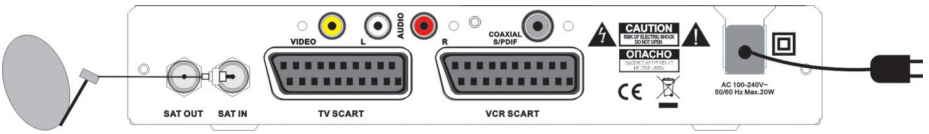


Figure 5 Connecting a fixed satellite dish

<Connecting multiple fixed dishes to your receiver using a DiSEqC 1.0 switch>

If you want to watch programs from more than one satellite (For example from Astra and from Hot Bird) it is advisable to use fixed dishes and a DiSEqC 1.0 switch. Have your Dealer aim the dishes at the requested satellites and connect the LNB's with coax cables to the IN connectors of the DiSEqC 1.0 switch . Connect the OUT connector of the DiSEqC 1.0 switch to the SAT IN connector at the back of your receiver.

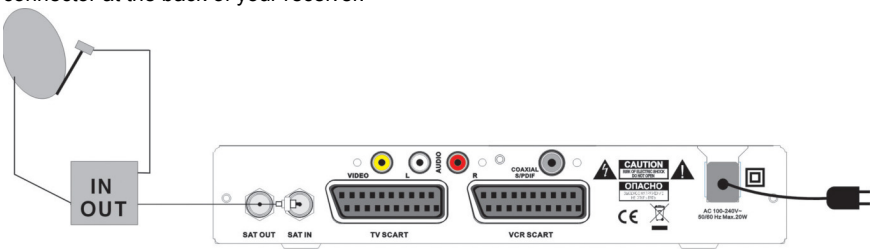


Figure 6. Connecting multiple fixed dishes using a DiSEqC 1.0 switch

<Connecting a dish on a motorized positioner to your receiver>

Another possibility for watching programs from multiple satellites is by mounting a dish to a motorized DiSEqC 1.2 positioner.

Have your dealer mount the dish to the positioner, set the correct angle of the elevation and let him set the center point for your positioner.

Connect the LNB with a coax cable to the LNB IN connector of the positioner, and connect the OUT connector of the positioner to the LNB IN connector at the back of your receiver.

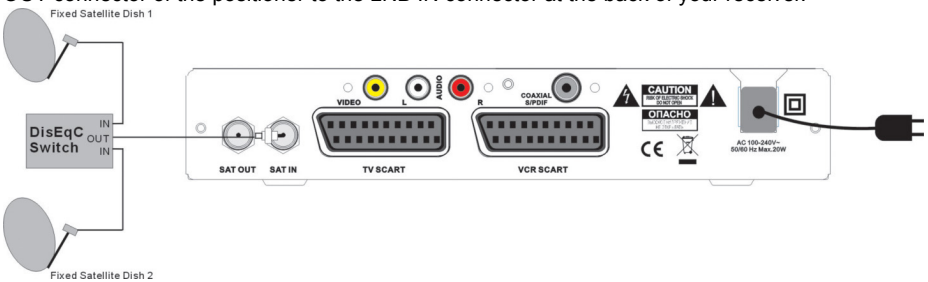


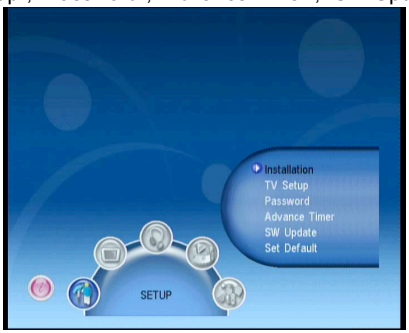
Figure 7. Connecting a dish on a motorized positioner to your receiver

4.0 MAIN MENU

All the important settings and features of your receiver can be operated in Main Menu. The Main Menu consists of five sub-menus: “SET UP”, “TV”, “Radio”, “Multimedia” and “Game”. Press the MENU button when the menu is off, the MAIN MENU screen will appear.

4.1 SET UP

In MAIN MENU screen, press RIGHT/LEFT to select SE UP, this menu consists of the “Installation “, “TV Setup”, “Password”, ”Advance Timer”, “SW Update” and “Set Default”.



4.1.1 Installation

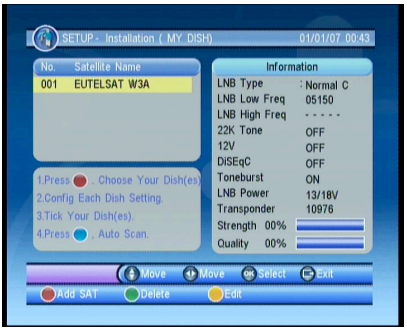
In SET UP menu, press UP/DOWN to select Installation, then press OK key to enter Installation menu. In this menu, you can set General Setting, MY DISH, TP MANAGER.

General Setting

In this menu, you can set OSD Language, Audio Language, Subtitle Language, GMT usage, Time Zone, Set Date and Set Time.

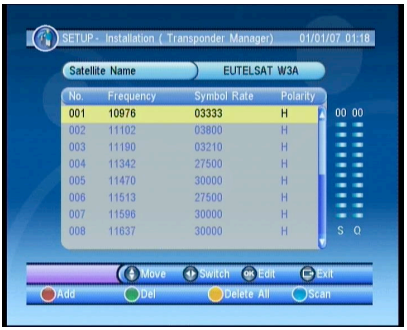
MY DISH

In this menu, you can add satellite by pressing RED key, delete satellite by pressing GREEN key, edit satellite by pressing YELLOW key and auto scan by pressing BLUE key.

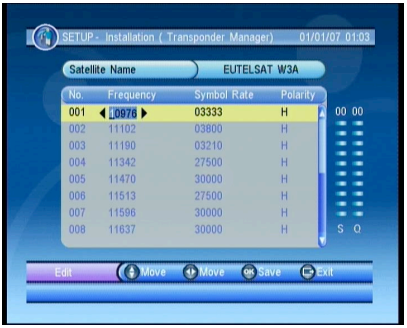


TP MANAGER

In this menu, press LEFT/RIGHT to switch satellite, press UP/DOWN to switch Frequency, then press RED key, you can add Frequency, press GREEN key, you can delete Frequency, press YELLOW key, you can delete all.


SETUP - Installation (Transponder Manager) 01/01/07 01:18
Satellite Name EUTELSAT W3A
No. Frequency Symbol Rate Polarity
001 10976 03333 H
002 11102 03800 H
003 11190 03210 H
004 11342 27500 H
005 11470 30000 H
006 11513 27500 H
007 11596 30000 H
008 11637 30000 H
00 00
S Q
Move Switch Edit Exit
Add Del Delete All Scan

Press OK key, you can edit Frequency.

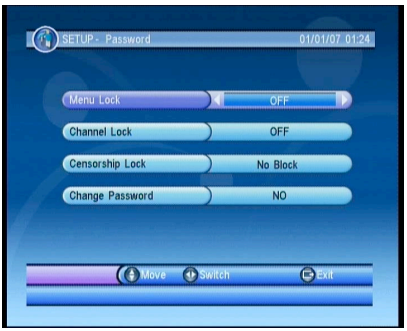


4.1.2 TV Setup

In SET UP menu, press UP/DOWN to select TV Setup, then press OK key to enter TV Setup menu. In this menu, you can set TV Format (4:3 LetterBox, 4:3 PanScan, 16:9 LetterBox 16:9 FitScreen), TV Mode (Auto, PAL), OSD Transparency (1~8), Banner Display Time (1S, 3S, 5S, 10S, 30S, Always), Video Output (CVBS+S-Video, RGB) and Video Enhancement (ON/OFF).

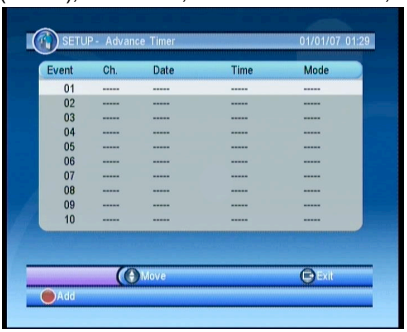
4.1.3 Password

In SET UP menu, press UP/DOWN to select Password, then press OK key to enter Password menu. In this menu, you can setup Menu Lock(ON/OFF), Channel Lock (ON/OFF), Censorship Lock (No Block, Total Block, 02~18), and Change Password (NO/YES).



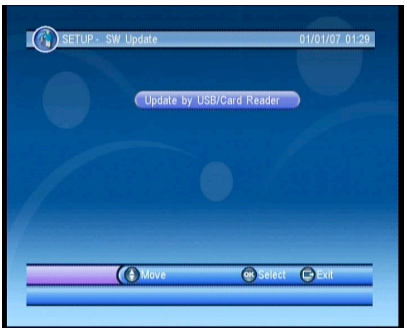
4.1.4 Advance Timer

In SET UP menu, press UP/DOWN to select Advance Timer, press OK key to enter this menu. In this menu, you can add timer by pressing RED key, you can setup Channel Type, Channel No., Channel Name, Start Date (Y/M/D), Start Time, End Time and Mode, then press OK key to save.



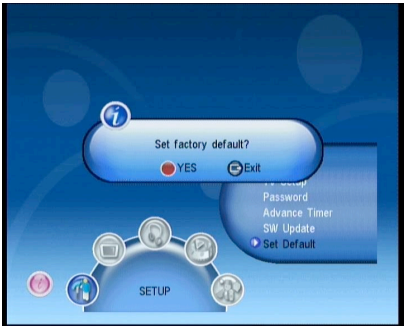
4.1.5 SW Update

In SET UP menu, press UP/DOWN to select SW Update, press OK key to enter this menu. In this menu, you can update the software by USB/Card Reader.



4.1.6 Set Default

Select Set Default and press OK key, then press OK key, This will delete all user settings and installed channels.



4.2 TV/Radio

The Radio operation is the same as TV.

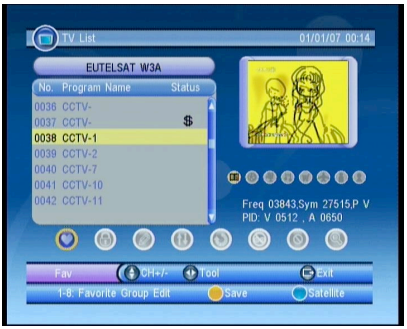
In MAIN MENU screen, press RIGHT/LEFT to select TV, this menu consists of the “TV List “ and “TV Guide”.

4.2.1 TV List

Select TV List and press OK key to enter TV List menu, in this menu, you can add channels to different favorite groups, Lock channels, Edit channels, Move channels, Sort channels, Skip channels, Delete channels, Search channels.

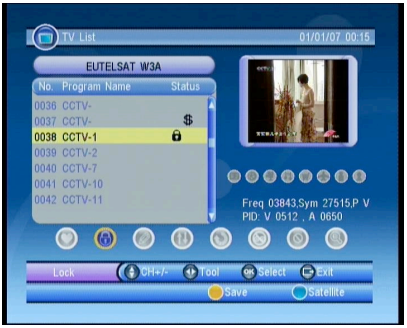
Favorites

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Favorites, then press 1~8 key to add the channel to the favorite group which you want to add to.



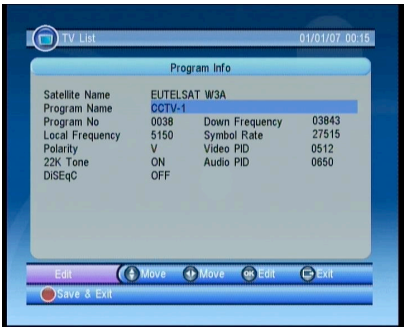
Lock

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Lock, then press OK key to lock the channel, press OK key again to cancel lock. Press YELLOW button to save.



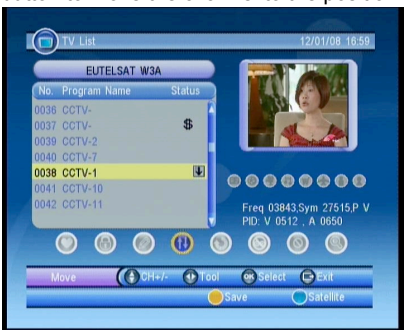
Edit

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Edit, then press OK key to enter the Program Info menu, in this menu, you can see the program information and rename the channel,



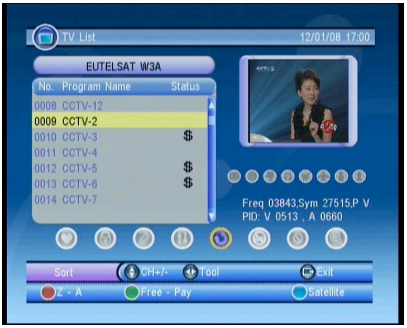
Move

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Move, press OK key, then press UP/DOWN button to move the channel to the position where you want to move.



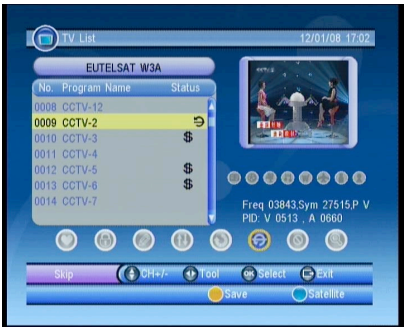
Sort

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Sort,you cansort the channels by “A-Z”/”Z-A”, “Free-Pay”/”Pay-Free”.



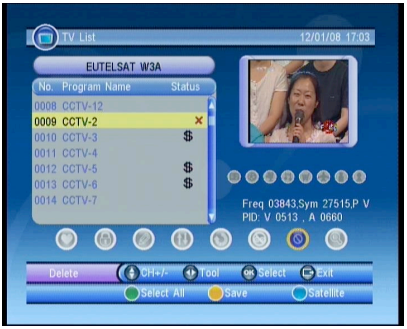
Skip

Press UP/DOWN button to select a channel, press LEFT/RIGHT button to select Skip, the channel will be skiped.



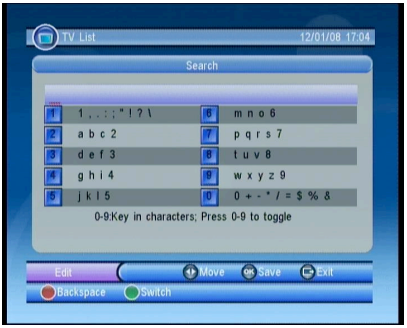
Delete

Press LEFT/RIGHT button to select Delete, press OK key to delete the selected channel. Press GREEN button to delete all channels.



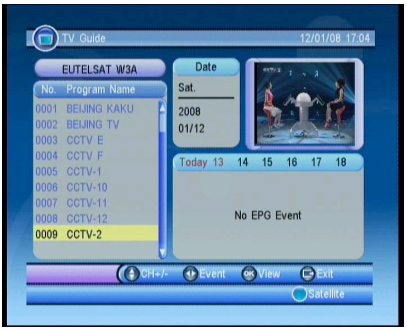
Search

Press LEFT/RIGHT button to select Search, and press OK key, input the channel name to search this channel.



4.2.2 TV Guide

Select TV Guide and press OK key to enter TV Guide menu, in this menu, you can view the channel guide.



4.3 MULTIMEDIA

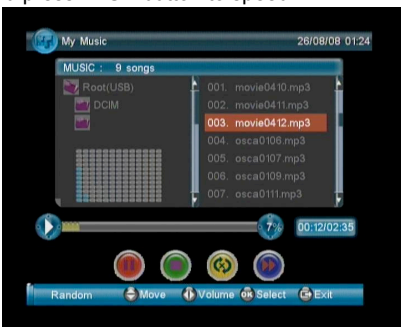
In MAIN MENU screen, press RIGHT/LEFT to select MULTIMEDIA, this menu consists of the “My Album “, “My Music”, “My Movie” and “My Recorder”.

4.3.1 My Album

Select My Album and press OK key, then press BLUE button to choose you photo folder, select a photo and press OK key to view.

4.3.2 My Music

Select My Music and press OK key to enter, press UP/DOWN button to choose a song, press OK or RED button to play, in playing, press RED button to pause, press GREEN button to stop, press YELLOW button to cycle and press BLUE button to speed.



4.3.3 My Movie

Select "My Movie" and press the **OK** key. Select folder through Menu structure on the left of screen. Use the the ▲▼ keys to select a movie file. Press the **OK** key to play selected file. Press ▲▼ keys to play the previous movie or next movie, press ◄► to change the volume.

4.3.4 My Record

This menu consists of three sub-menus; "*Recorded List*" , *"Recording Device" and "Recording Preference"*.

Recorded List

In this menu, you can view your record information and play your record.

Press ▲▼ keys to select the program, and press OK key to play.

Recording Device

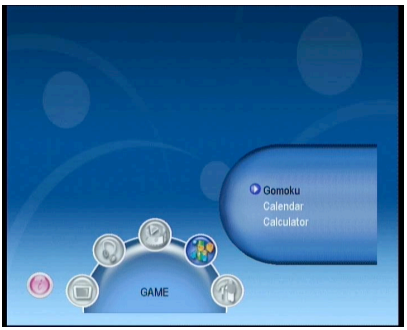
In this menu, you can view the recording device and format disk.

Recording Preference

In this menu, you can setup the Recording Preference.

4.4 GAME

In MAIN MENU screen, press RIGHT/LEFT to select GAME, in this menu, you can play the game, view the calendar and use the calculator.



5.0 OTHER OPERATIONS

5.1 Program Guide (EPG)

EPG shows the program schedule for the current channel. Availability of EPG depends from broadcast and may not be available for all channels.

In no-menu state, press EPG button, the EPG Menu will appear. Screen divided to 3 main parts: at the left channel list, at the right program schedule list and bottom part provide short program description with program start-end time.

In channel list, use▲▼ buttons to choose the channel.

Use▲▼to switch between channel list and program schedule. In program schedule list:

Use▲▼buttons to choose program.

Use RED/GREEN buttons to select previous/next day of schedule.

Use◀▶to switch between channel list and program schedule.

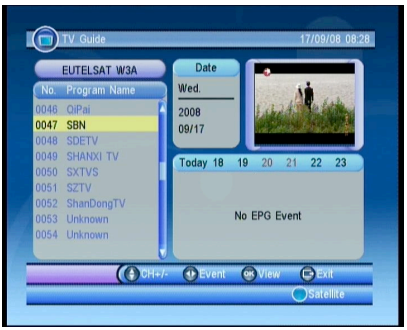
Use YELLOW button to display detailed program information.

Use BLUE button to program timer for selected programmes.

In program details:

Use▲▼ to scroll information in the window.

Use **Exit** to return to the list of programs.



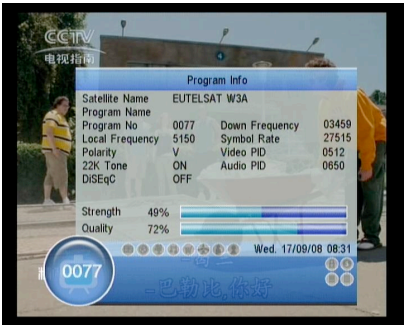
5.2 Zapping and information banners

Zapping banner displayed automatically every time when you change channel in normal view mode. It provides information about current channel list type, frequency, bandwidth, program name, program No, and channel No..

Information banner can be displayed by pressing to INFO button.

Press INFO again to show the detail.

In Detail menu, press INFO to show the program information.



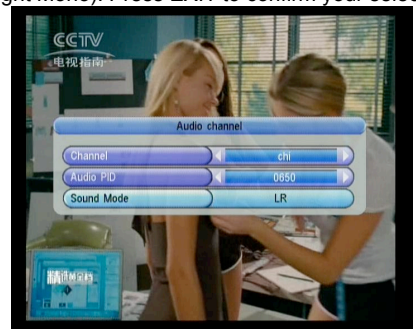
5.3 Channel list

To call on screen the current channel list press OK button from view mode.

Use▲▼◄►buttons to select channel and press OK to switch to full screen view mode.

5.4 Selection of Audio Language

Press the AUDIO button on your remote control. Use▲▼buttons to select the audio language from the list of available. Use◄►buttons to select sound mode between LR (Left + Right Stereo), LL (Left Mono) and RR (Right Mono). Press EXIT to confirm your selection and exit.



5.5 Teletext

In channel view mode press TXT button. List of available subtitles languages will be displayed on the screen. Use◄►buttons to select language and OK to confirm. To disable subtitles select OFF from the list of the languages.

A.1 TROUBLESHOOTING

There may be various reasons for the abnormal operation of the receiver. Check the receiver according to the procedures shown below. If the receiver does not work properly after checking it, please contact the dealer. Don’t open the receiver cover. This may cause a dangerous situation.

Symptom	Cause	Remedy
The LED display on front panel does not light up.	The power cord is not plugged in.	Check that the power cord is plugged in to the wall outlet.
No picture or sound	Wrong connection of the Audio/ Video output of the receiver to TV. Audio muting. TV power off.	Connect the Audio/ Video output of the receiver to TV correctly. Press the MUTE button Turn TV on.
No picture	The receiver can’t receive the signal Incorrect values of some tuner parameters Wrong direction of the dish	Check the antenna cable, replace the cable, or connect the cable to the receiver tightly. Set the values of the tuner parameters correctly in the installation menu. Check the signal strength with a spectrum analyzer and adjust your dish correctly.
The remote control does not work	The batteries of the remote control are not inserted or exhausted	Check whether the batteries are inserted correctly in your remote control. Check the batteries, and if exhausted replace the batteries in the remote control.

A.2 SPECIFICATIONS

General Data:

Input Voltage Range: 100-240 V AC 50/60 Hz

Power consumption: max 20 W (with external HDD)

Stand-by power consumption: < 1 W (without external HDD)

Operating Temperature: +0°C ~ 40 ° C

Storage Temperature: -30°C ~ 80°C

Operating Humidity Range: 10% - 85%, RH, Non-condensing

Size (WxDxH) in mm: 230 x 165 x 45

Weight: ca. 0,8 kg